

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-7 (Canceled)

Claim 8 (Currently Amended): An optical disc having a data format, comprising:  
a first error correction code (ECC) data structure including at least a user data and  
control information disposed in a first error correction code (ECC) block;  
a second ECC data structure including at least an ID information of a physical sector  
disposed in a second ECC block, the first and second ECC blocks are error correction coded  
independently; and

wherein the first and second ECC blocks are expressed on the disc in a same physical  
data cluster, and accessed from the optical disc by a reproducing device employing the first  
and second ECC data structures of the physical data cluster to correct errors encountered in  
accessing data from the disc.

Claim 9 (Previously Presented): The optical disc as set forth in claim 8, wherein the  
the first and second ECC blocks include an error correcting code having a long distance code  
(LDC) in a same direction as the expression of user data on the disc.

Claim 10 (Previously Presented): An optical disc having a data format, comprising:  
an ECC data structure including at least a user data, control information, and ID  
information of a physical sector, the user data, control information and ID information, each

being disposed in a respective ECC block, each respective ECC block are error correction coded independently;

wherein each respective ECC block is expressed on the disc in a same physical data cluster.

Claim 11 (Previously Presented): The optical disc as set forth in claim 10, wherein the ECC data blocks include an error correcting code having a long distance code (LDC) in a same direction as the expression of user data on the disc.

Claim 12 (Currently Amended): An optical disc having a data format, comprising:  
a first error correction code (ECC) data structure including at least a user data disposed in a first error correction code (ECC) block; and  
a second ECC data structure including at least a control information, and ID

information of a physical sector disposed in a second ECC block, the first and second ECC blocks are error correction coded independently;

wherein the first and second ECC blocks are expressed on the disc in a same physical data cluster, and accessed from the optical disc by a reproducing device employing the first and second ECC data structures of the physical data cluster to correct errors encountered in accessing data from the disc.

Claims 13-18 (Canceled)

**Claim 19 (Previously Presented):** A method of writing to an optical disc, the method comprising:

forming ECC blocks including, user data, control information, and ID information of a physical sector, each being disposed in a respective one of the ECC blocks;

coding each respective ECC block independently for error correction,

expressing each ECC block in a single physical data cluster on the disc, and the ID information operative to identify physical sectors of the physical data cluster.

**Claim 20 (Previously Presented):** The optical disc of Claim 8, wherein the ID information of the second ECC block is operative to synchronize and address physical sectors of the same physical data cluster.

**Claim 21 (Previously Presented):** The optical disc of Claim 10, wherein the ID information is operative to synchronize and address physical sectors of the same physical data cluster.

**Claim 22 (Previously Presented):** The optical disc of Claim 12, wherein the ID information of the second ECC block is operative to synchronize and address physical sectors of the same physical data cluster.